

## Product datasheet for MC214466

### Ipcef1 (NM\_001170802) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ipcef1 (NM\_001170802) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Ipcef1  
**Synonyms:** A130090K04Rik  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC214466 representing NM\_001170802  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGAGTCGGAGAAGGATATCCTGTAAAGATCTGGGCCACGCTGACTGCCAGGGTTGGCTGTACAAGAAA  
 AGGAAAAGGGAACCTTTCTAAGCAACAATGGAAAAGTTCTGGGTGGTCTGAAGGGCTCATCGCTGTA  
 TTGGTATAGCAATCAAAATGGCAGAGAAAGCAGATGGATTTGTCAACCTTTCAGATTTACAGTGGAAAGA  
 GCCTCTGAATGCAAGAAAAAATGCATTTAAGATCAATCACCCACAGATCAAAGCCTTCTACTTTGCAG  
 CAGAGAATTTGCAGGAAATGAATGTGTGGTTAAACAAACTTGGATTTGCTGTGACCCACCAGGAATCCAT  
 CACAAAGGATGAAGAATGTTACAGTGAGAGCGAGCAGGAAGATCCTGAAGTTGCCGTGGAGGCCACCC  
 CCTCCGTATGCTTCCACAACCTCCTCCTGTGGCTGCACAGTGGGCATCTTCTTCTTACCTAAACGGA  
 GAGAAACATCATGTTCTTCTCTCTGGAAAATACAGTAAAGGCACCCAGCCAGTTTTCTTCTCGGG  
 ATCTAAAGAACGACAGTCCTGGCACAACATAGTTAACAGCTCACCTGCTACTGAAGATGCGGGGCTTCCC  
 CTCACATTTGCTGAGCAGGTCCACACACTTGCCTTCTCAGAAGCAAGCAATTGCCAGGCCCCAGAAAACA  
 ACTGCATCACATCAGAAGGTGGTTTGTGAAGTGTGTCTAGTGATGACACTTCTCACTGAATAACAA  
 TAAAGACCATCTAACAGTCCAGACAGAGCTGCTGGATCAAGAATGGCAGACAGAGTAAACCAGGAATT  
 TGCTTACTCTTCTTAGATGGTGAATATTTGCTGGGCATTGTATAAATCTGATATAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001170802  
**Insert Size:** 897 bp



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<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001170802.1</a>, <a href="#">NP_001164273.1</a></u>
<b>RefSeq Size:</b>	3216 bp
<b>RefSeq ORF:</b>	897 bp
<b>Locus ID:</b>	320495
<b>Cytogenetics:</b>	10 A1
<b>Gene Summary:</b>	Enhances the promotion of guanine-nucleotide exchange by PSCD2 on ARF6 in a concentration-dependent manner.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) uses an alternate 3' splice pattern, compared to variant 1. The resulting isoform (3) has a shorter and distinct C-terminus, compared to isoform 1. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.